

CURRICULUM VITAE

Drogkaris Prokopios

Address :	Lykourgou 105, Kallithea, Greece	Date of Birth:	9th October 1982
Contact Tel. Number:	6979 -11- 31-98	Nationality:	Greek
Email:	pdrogk@aegean.gr	Marital Status:	Single
Webpage:	www.icsd.aegean.gr/pdrogk	Military Obligations:	Fulfilled
Linkedin Profile:	www.linkedin.com/in/pdrogk	Twitter Profile:	@PDrogkaris

SKILLS

Knowledge and experience in the fields of IT Security and e-Government environments through participation in research national and international projects (proposals, tenders and projects' implementation) along to strong academic background (research publications and academic teaching). Deep understanding of Privacy Enhancing Technologies (PET), Digital Identities and Identification Management (IdM) along to Information Security Management System (ISMS) as specified in ISO/IEC 27001:2005 including security requirements establishment, security risks assessment and management, security policies, access control, security incidents and business continuity management.

EDUCATION

- Ph.D. Candidate
9/2006 – Today
University of the Aegean, Greece, School of Science,
Department of Information and Communication Systems Engineering

Research Area: Information and Communication
Systems Security
Thesis Title: Security and Privacy in e-Government
Information Systems
- Postgraduate Studies
9/2005 – 9/2007
City University Of London, UK, School Of Informatics
Master of Science in Information Systems
- Undergraduate Studies
9/2000 – 6/2005
University of the Aegean, Greece, School of Science
Department of Information and Communication Systems Engineering
Diploma in Information and Communication Systems Engineering

PUBLICATIONS

■ Conference Publications*

- vi. D. Núñez, I. Agudo, P. Droqkaris, S. Gritzalis, "*Identity Management Challenges for Intercloud Applications*", 1st International Workshop on Security & Trust for Applications in Virtualised Environments (STAVE 2011), June, 2011, Loutraki, Greece, Communications in Computer and Information Science Series CCIS, Springer (2)
- v. P. Droqkaris, S. Gritzalis, "*Attaching Multiple Personal Identifiers in X.509 Digital Certificates*", EuroPKI 2010 7th European Workshop on Public Key Services, Applications and Infrastructures, J. Camenisch and C. Lambrinouidakis, (Eds.), pp. 171-177, September 2010, Athens, Greece, Lecture Notes in Computer Science LNCS, Springer (0)
- iv. P. Droqkaris, S. Gritzalis, C. Lambrinouidakis, "*Transforming the Greek e-Government Environment towards the e-Gov 2.0 Era*", EGOVIS'10 International Conference on Electronic Government and the Information Systems Perspective, K. Andersen, E. Francesconi, A. Gronlund, T. M. Engers. (Eds.), pp. 142 -149, September 2010, Bilbao, Spain, Lecture Notes in Computer Science LNCS, Springer (4)
- iii. P. Droqkaris, C. Lambrinouidakis, S. Gritzalis, "*Introducing Federated Identities to One-Stop-Shop e-Government Environments: The Greek Case*", eChallenges 2009 19th Conference, P. Cunningham, M. Cunningham (Eds.), pp 115 – 121, October 2009, Istanbul, Turkey, eChallenges e-2009 Conference Proceedings (0)
- ii. P. Droqkaris, S. Gritzalis, C. Lambrinouidakis, "*Enabling Secure Data Management in e-Government Environments: The Greek Case*", EGOV'09 8th International Conference on Electronic Government, EGOV 2009, H. J. Scholl, M. Janssen, R. Traunmüller, M. A. Wimmer (Eds.), pp. 138-145, September 2009, Linz, Austria, Trauner Verlag Schriftenreihe Informatik (0)
- i. P. Droqkaris, D. Geneiatakis, S. Gritzalis, C. Lambrinouidakis, L. Mitrou, "*Towards an Enhanced Authentication Framework for eGovernment Services: The Greek case*", EGOV'08 7th International Conference on Electronic Government, E. Ferro, J. Scholl, M. Wimmer (Eds.), pp. 189-196, September 2008, Torino, Italy, Trauner Verlag Schriftenreihe Informatik (6)

RESEARCH INTERESTS

- eGovernment Environments
- Privacy Enhancing Technologies (PET)
- Cloud Computing
- Digital Authentication in e-Government Environments
- Public Key Infrastructures
- Federated Identities
- Web 2.0

* The numbers inside the parentheses suggest the citations of each publication.

EDITING & CONFERENCE ORGANIZATION ACTIVITIES

- Member of Program Committee at 7 International and 4 European conferences:
 - 12th European Conference on Research Methodology for Business and Management Studies (ECRM 2013), (Minho : Portugal), July 2013, Academic Publishing International API
 - The Seventh International Conference on Digital Society (ICDS 2013), (Nice : France), February 2013, XPS (Xpert Publishing Services)
 - 8th International Conference on Information Warfare and Security (ICIW-2013), (Denver: USA), March 2013, Academic Publishing International API
 - The Second International Conference on Social Eco-Informatics (SOTICS 2012), (Venice : Italy), October 2012, XPS (Xpert Publishing Services)
 - 12th European Conference on eGovernment (ECEG 2012), (Barcelona : Spain), June 2012, Academic Publishing International API
 - 11th European Conference on Research Methodology for Business and Management Studies (ECRM 2012), (Bolton : United Kingdom), June 2012, Academic Publishing International API
 - 7th International Conference on Information Warfare and Security (ICIW 2012), (Seattle : USA), March 2012, Thomson Reuters ISI Web of Science (WOS)
 - The Sixth International Conference on Digital Society (ICDS 2012), (Valencia : Spain), February 2012, XPS (Xpert Publishing Services)
 - 11th European Conference on eGovernment (ECEG 2011), (Ljubljana : Slovenia), June 2011, Academic Publishing International API
 - 6th International Conference on Information Warfare and Security (ICIW 2011) (Washington: USA), March 2011, Thomson Reuters ISI Web of Science (WOS)
 - The Fifth International Conference on Digital Society (ICDS 2011) (Gosier, Guadeloupe: France), February 2011, XPS (Xpert Publishing Services)
- Member of Organization Committee at 2 International Conferences
 - 3rd IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2011), (Athens : Greece), November 2011, IEEE
 - 2nd Annual Workshop on Digital Forensics and Incident Analysis (Greece: Samos), August 2007, IEEE

- International Journals Editorial Board Member:
 - International Journal On Advances in Internet Technology, IARIA
- International Journals Reviewer:
 - Computer Standards & Interfaces, Elsevier
 - Transactions on Information Technology in BioMedicine, IEEE
- External Reviewer at 33 International, 5 European and 1 National Conferences:
 - 7th IFIP WG 11.11 International Conference on Trust Management, (Malaga : Spain), June 2013, Springer LNCS
 - The 7th International Conference on Network and System Security (NSS 2013), (Madrid : Spain), June 2013, Springer LNCS
 - 21st Euromicro International Conference on Parallel, Distributed, and Network-Based Processing (PDP 2013), (Belfast : Ireland), February 2013, IEEE CPS
 - 46th Hawaiian International Conference on System Sciences (HICSS-46),(Maui : Hawaii), January 2013, IEEE
 - The 4th International Symposium on Cyberspace Safety and Security (CSS 2012), (Melbourne : Australia), December 2012, Springer LNCS
 - 6th International Conference on Network and System Security (NSS 2012), (Fujian : China), November 2012, Springer LNCS
 - The 7th International Conference on Frontier of Computer Science and Technology (FCST-12), (Suzhou : China), November 2012, FCST Conference Proceedings
 - 9th European PKI Workshop: Research and Applications (EuroPKI 2012), (Pisa : Italy), September 2012, Springer LNCS
 - 11th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-12), (Liverpool : United Kingdom), June 2012, IEEE
 - International Conference on Security and Cryptography (SECRYPT 2012), (Rome : Italy), July 2012, Springer CCIS
 - The 10th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-11), (Changsha : China), November 2011, IEEE
 - 9th Annual IEEE Consumer Communications and Networking Conference, (Las Vegas : USA), January 2012, IEEE
 - 3rd IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2011), (Athens : Greece), November 2011, IEEE
 - 2nd International Conference on Computer and Communication Technology (ICCT 2011), (Allahabad : India), September 2011, IEEE Xplore
 - 5th International Conference on Network and System Security (NSS 2011), (Milan : Italy), September 2011, IEEE
 - International Conference on Security and Cryptography (SECRYPT 2011), (Seville : Spain), July 2011, SECRYPT Proceedings
 - International Conference e-Commerce 2011 (EC 2011), (Rome : Italy), July 2011, IADIS Conference Proceedings
 - 7th International Workshop on Security and Trust Management (STM'11) in conjunction with 5th IFIP WG 11.11 International Conference on Trust Management, (Copenhagen : Denmark), July 2011, Springer LNCS

- 9th Annual Conference on Privacy, Security and Trust (PST 2011), (Montreal : Canada), July 2011, IEEE Xplore
- 9th International Conference on Applied Cryptography and Network Security (ACNS '11) , (Malaga : Spain), June 2011, Springer LNCS Series
- The 2010 International Conference on Multimedia Information Networking and Security (MINES 2010), (Nanjing : China), November 2010, IEEE
- 5th International Conference on Critical Information Infrastructure Security (CRITIS 10), (Athens : Greece), September 2010, Springer LNCS
- 15th European Symposium on Research in Computer Security (ESORICS 2010), (Athens : Greece), September 2010, Springer LNCS series
- 6th International ICST Conference on Security and Privacy in Communication Networks (SecureComm 2010), (Singapore : Singapore), September 2010, Springer's LNICST
- International Conference on Security and Cryptography (SECRYPT 2010) , (Athens : Greece), July 2010, Springer-Verlag
- IADIS e-Commerce 2010 (EC 2010), (Freiburg : Germany), July 2010, InderScience
- IEEE Communications and Information Security Symposium (Globecom 2009), (Hawai : USA), November 2009, IEEE Press
- 6th International Conference on Trust, Privacy & Security in Digital Business (Trustbus 2009) in conjunction with 20th International Conference on Database and Expert Systems Applications (DEXA 2009) , (Linz : Austria), September 2009, Springer LNCS series
- 13th Panhellenic Conference on Informatics (PCI' 09), (Corfu : Greece), September 2009, IEEE
- International Conference on e-Business (ICE-B 2009) in conjunction with International Joint Conference on e-Business and Telecommunications, ICETE, (Milan : Italy), July 2009, ICE-B 2009 Proceedings
- 7th International Conference on Computing, Communications and Control Technologies (CCCT 2009) in conjunction with 2nd International Multi-Conference on Engineering and Technological Innovation (IMETI 2009), (Orlando : USA), July 2009, Conference Proceedings
- 8th Annual ISSA Conference (ISSA 2009), (Johannesburg : South Africa), July 2009, ISSA proceedings
- 4th International Annual Workshop on Digital Forensics & Incident Analysis (WDFIA 2009), (Athens : Greece), June 2009, WDFIA Proceedings
- Third International Symposium on Human Aspects of Information Security & Assurance (HAISA 2009), (Athens : Greece), June 2009, HAISA Proceedings
- 24th Annual ACM Symposium on Applied Computing, (Hawaii : USA), March 2009, ACM Press
- The Fourth International Conference on Signal-Image Technology & Internet, (Bali : Indonesia), December 2008, IEEE Conference Publishing Services (IEEE CSP)
- 3rd International Workshop on Critical Information Infrastructures Security, (Frascati (Rome) : Italy), October 2008, Springer Lecture Notes in Computer Science
- 5th International Conference on Trust, Privacy and Security in Digital Business (Trustbus 2008) in conjunction with DEXA 2008: 19th International Conference on Database and Expert Systems Applications, (Torino : Italy), September 2008, Springer
- 7th Annual ISSA Information Security Conference, (Johannesburg : South Africa), July 2008, University of Johannesburg
- Fifth European PKI Workshop (EuroPKI 2008), (Trondheim : Norway), June 2008, Springer in the Lecture Notes in Computer Science (LNCS)
- 2nd International Conference on Multimedia and Ubiquitous Engineering, (Busan : Korea), April 2008, IEEE Computer Society
- 23rd Annual ACM Symposium on Applied Computing, (Ceará : Brasil), March 2008, ACM Press

TEACHING ACTIVITIES

- 10/2010 – Today
Technological Educational Institute of Piraeus, General Department of Mathematics
Laboratory Associate
Teaching Structured Programming (Laboratory)
Introduction to Computer Programming I (Laboratory)
Computer Programming I (Laboratory)
Computer Programming III (Laboratory)
- 10/2012 – 1/2013
New York College Athens - School of Computing
▪ Instructor «Database Systems» and «Data Communications & Networking» at BS. in Computer Science, State University of New York -Empire State College
- 10/2011 – 2/2013
Mediterranean College – School of Computing
▪ Instructor «Systems Analysis», «Introduction to Database Systems», «Databases» and «Operating Systems» at BSc (Hons) Computing and BSc (Hons) Computer Science, University of Derby UK
▪ Instructor «Web Development Issues» at BSc (Hons) Computing, University of Teeside UK
▪ Instructor «IT Applications – Project Management» at HND Civil Engineering, Edexcel
- 10/2010 – 2/2012
Technological Educational Institute of Kalamata, Department of Technology of Informatics & Telecommunications.
Laboratory Associate
Teaching Databases II (Theory, Tutorial and Laboratory)
Algorithms and Data Structures (Laboratory)
Software Engineering (Theory and Laboratory)
Systems Analysis (Laboratory)
- 2/2010 – 6/2010
University of the Aegean, Greece, School of Science,
Department of Information and Communication Systems Engineering
Auxiliary Laboratory Teaching at “*Information and Communication Systems Security*” Undergraduate Course
- 2/2009 – 6/2009
University of the Aegean, Greece, School of Science,
Department of Information and Communication Systems Engineering
Auxiliary Laboratory Teaching at “*Information and Communication Systems*”

Security” Undergraduate Course

- 23/1/2009
University of the Aegean, Greece, School of Science
Department of Information and Communication Systems Engineering
Postgraduate Program in “Technologies and management of information and communication systems”
Invited Lecture on «Security and Digital Authentication in e-Government Environments»

R&D ACTIVITIES

- 8/2012 – 6/2013
Ministry of Development, Competiveness, Infrastructure, Transport and Networks, Interreg III, Cyprus University of Technology, Technical University of Crete, University of the Aegean, Cyprus Police
Researcher on international project “Development of Intelligent Sea Space surveillance system with the application of Array Camera and Sensor Networks (POSEIDON)” (www.poseidonproject.eu)
- 11/2012 – 12/2012
National and Kapodistrian University of Athens, Administrative Reform 2007-2013, Ministry of Administrative Reform & e-Government
Researcher on national project “Comparative study of the European Union and Greece for a) e-Government, b) Trust and Security, and c) Fast and Ultra-Fast internet access. Deviations, performance indicators and recommendations for national actions”.
- 11/2013 – 2/2013
PAU Education & European Commission - Digital Agenda for Europe - Going Local 2012 (<http://www.digitalagenda12.eu>)
Cyprus and Greece Animator
- 4/2012 – 7/2012
PAU Education & European Commission - Digital Agenda for Europe - Digital Agenda Assembly 2012 (<http://www.digitalagenda12.eu>)
Security Group Animator and Moderator
- 11/2010 – 10/2011
Ministry of Transportations, Structures and Networks
Digital Greece 2020 Forum (www.digitalgreece2020.gr)
Privacy and Security Group Rapporteur
- 1/2007 – 12/2008
KTP AE – Ministry of the Interior, Public Administration and Decentralization - PLANET AE, NTUA
Researcher on national project «eGIF: Greek e-Government Interoperability Framework: Digital Authentication Framework»

EMPLOYMENT ACTIVITIES

- 2/2013 - Today
Center for Security Studies (KEMEA)
Research Associate on EU-funded research projects
- 1/2009 – 7/2009
Unisystems A.E.E
User Training and Software Support at Samos Prefecture Information Systems
- 1/2005 – 8/2005
Laboratory of Information and Communication Systems Security (Info-Sec-Lab), University of the Aegean
Researcher on project « *Design and development of a department database for maintaining all students personal and educational data* »
- 10/2004 – 2/2005
Laboratory of Information and Communication Systems Security (Info-Sec-Lab), University of the Aegean
Researcher on project « *Development and Deployment of a smart card based PKI infrastructure for authentication and authorization mechanisms for all University users (students and faculty)*»

LANGUAGES

- English
Excellent Knowledge 6/1999 *Certificate of Proficiency in English,*
University Of Cambridge
- German
Good Knowledge 9/1998 Grundstufe Zertifikat
Goethe-Institut

COMPUTER SKILLS

- Methodologies & Standards CRAMM, Octave, ISO/IEC 27001, ISO/IEC 17799
- Programming Languages: Visual Basic, C, C WinAPI, C++, Java, SQL
- Databases: MS SQL, MySQL, PostgreSQL, MS Access
- Modeling and Analysis Tools: UML, SSADM
- Web Programming: HTML, PHP, ASP, VBscript, JavaScript, XML, CSS
- Operating Systems: Linux (Ubuntu), Windows (NT/200/Server 2003/XP/Vista/7)

MEMBER

- 12/2006 - Today : Technical Chamber of Greece (T.E.E.)
- 9/2006 - Today : Laboratory of Information and Communication Systems Security (Info-Sec-Lab), University of the Aegean
- 5/2005 - Today : Greek Computer Society (E.P.Y.)
- 10/2012 – Today: Open Web Application Security Project (OWASP)

RECCOMENDATION LETTERS

Furnished upon request

CITATIONS

■ Publication

P. Drozkaris, D. Geneiatakis, S. Gritzalis, C. Lambrinouidakis, L. Mitrou, "*Towards an Enhanced Authentication Framework for eGovernment Services: The Greek case*", EGOV'08 7th International Conference on Electronic Government, E. Ferro, J. Scholl, M. Wimmer (Eds.), pp. 189-196, September 2008, Torino, Italy, Trauner Verlag Schriftenreihe Informatik

■ Citations

1. Lampathaki F., Tsiakaliaris C., Stasis A., Charalabidis Y., "National Interoperability Frameworks: The Way Forward", *Interoperability in Digital Public Services and Administration: Bridging E-Government and E-Business*, pp. 1-24, IGI Global, 2011
2. Iomp M., Grijpink J., "Combating Identity Fraud in the Public Domain: Information Strategies for Healthcare and Criminal Justice", *Proceedings of the 11th European Conference on e-Government*, Klun M., Decman M., Jukić T. (Eds), pp.481-488, 2011, Ljubljana, Slovenia, Academic Publishing Limited
3. Z. Kardasiadou, E. Chatziliasi and K. Limniotis, "e-Government in Greece: serving state's economic needs – respecting the fundamental right to data protection", in the 7th International Conference in Global Security, Safety and Sustainability (ICGS3) / 4th e-Democracy Joint Conferences, R. Bashroush, et al. (Eds.), Springer, 2011
4. Al-Hujra, O, Al-dalahmeh, M and Aloudat, A. "The Role of National Culture on Citizen Adoption of eGovernment Services: An Empirical Study" *Electronic Journal of e-Government* Volume 9 Issue 2, pp. 93 – 106, 2011
5. Z. Kardasiadou, E. Chatziliasi, K. Limniotis. "E-Government in Greece: Serving State's Economic Needs – Respecting the Fundamental Right to Data Protection" *Global Security, Safety and Sustainability & e-Democracy*, pp. 179-185, Springer, 2012, ISBN: 978-3-642-33448-1
6. Plomp, M and Grijpink, J. "Towards an Information Strategy for Combating Identity Fraud in the Public Domain: Cases from Healthcare and Criminal Justice" *Electronic Journal of e-Government* Volume 9 Issue 2 2011, (pp214 - 222)

■ Publications

D. Nunez , I. Agudo, P. Drozkaris, S. Gritzalis, "*Identity Management Challenges for Intercloud Applications*", 1st International Workshop on Security & Trust for Applications in Virtualised Environments (STAVE 2011), C. Skianis, (Ed.), pp. 198-204, June 2011, Loutraki, Greece, Springer CCIS

■ Citations

1. P.G. Dorey, A. Leite, "Commentary : Cloud computing – A security problem or solution?", *Information Security Technical Report*, ISSN 1363-4127, 10.1016/j.istr.2011.08.004., 2011, Elsevier
2. R. Roman, M. R. Felipe, P. E. Gene, and J. Zhou, 'Analysis of security components in cloud storage systems', *APMRC, 2012 Digest*, pp. 1–4, Nov. 2012.

■ Publication

P. Drozkaris, S. Gritzalis, C. Lambrinouidakis, "*Transforming the Greek e-Government Environment towards the e-Gov 2.0 Era*", EGOVIS'10 International Conference on Electronic Government and the Information

Systems Perspective, K. Andersen, E. Francesconi, A. Gronlund, T. M. Engers. (Eds.), pp. 142 -149, September 2010, Bilbao, Spain, Lecture Notes in Computer Science LNCS, Springer

■ Citations

1. M. Prandini, M. Ramilli, "Security considerations about the adoption of web 2.0 technologies in sensitive e-government processes", ICEGOV '11 5th International Conference on Theory and Practice of Electronic Governance, Ed(s) E. Estevez, M.Janssen and N. Leosk pp. 285-288, September 2011, Tallinn Estonia, ACM Press
2. Gil-Garcia, J. Ramon, "Electronic Government Success: Definition, Measures, and Factors", Enacting Electronic Government Success, Springer US, 2012, ISBN: 978-1-4614-2015-6
3. U. Sivarajah, Z. Irani, "Exploring the Application of web 2.0 in e-Government: A United Kingdom Context", tGov 2012, May 2012, Brunel, United Kingdom, ISEing Group Brunel University
4. M. Prandini, M. Ramilli, "Raising Risk Awareness on the Adoption of Web 2.0 Technologies in Decision Making Processes", Future Internet 2012, 4(3), pp. 700-718, ISSN 1999-5903, MDPI Publications

SCIENTIFIC PUBLICATIONS ANATYLIC MEMO

■ Conference Publications

Authors: P. Drogkaris, D. Geneiatakis, S. Gritzalis, C. Lambrinoudakis, L. Mitrou

Publication "Towards an Enhanced Authentication Framework for eGovernment Services: The Greek Data: case", EGOV'08 7th International Conference on Electronic Government, E. Ferro, J. Scholl, M. Wimmer (Eds.), pp. 189 – 196, September 2008, Torino, Italy, Trauner Verlag Schriftenreihe Informatik

Abstract: It is widely accepted that electronic Government environments have caused a complete transformation of the way individuals, businesses and governmental agencies interact with central government. However, the acceptance and success of e-Government services largely depend on the level of trust and confidence developed by the users to the provided services and the overall system security. Thus the employment of the appropriate authentication framework is a crucial factor. This paper focuses on the way to determine the appropriate trust level of an electronic service. Specifically, it provides guidelines according to the data required for a transaction, as well as to the available authentication and registration mechanisms. Moreover, a Single SignOn architecture is proposed, supporting a uniform authentication procedure that depends on the level of trust required by the service. In the aforementioned research work specific requirements and limitations for Greece have been taken into account.

Authors: P. Drogkaris, S. Gritzalis, C. Lambrinoudakis,

Publication "Enabling Secure Data Management in e-Government Environments: The Greek Case",

Data: EGOV'09 8th International Conference on Electronic Government, EGOV 2009, H. J. Scholl, M. Janssen, R. Traunmüller, M. A. Wimmer (Eds.), pp. 138-144, September 2009, Linz, Austria, Trauner Verlag Schriftenreihe Informatik

Abstract: Modern e-Government environments adopt technologies that can support interoperability across the entire “electronic” public sector and thus new improved electronic services. At the same time new requirements are raised from the users. This paper presents ongoing research on a secure user data management architecture for e-Government environments. More specifically the utilization of Privacy Preferences and Privacy Policies along with the introduction of two entities responsible for administrating user documents and data management is proposed. The research work presented has been based on the Greek Interoperability Framework and it's specific requirements and limitations.

Authors: P. Drogkaris, C. Lambrinouidakis, S. Gritzalis

Publication "Introducing Federated Identities to One-Stop-Shop e-Government Environments: The Data: Greek Case", eChallenges 2009 19th Conference, P. Cunningham, M. Cunningham (Eds.), pp 115 – 121, October 2009, Istanbul, Turkey, eChallenges e-2009 Conference Proceedings

Abstract: Even though e-Government environments have achieved a certain interoperability level and coherence across public sector, there are several approaches, technologies and mechanisms that could aid these environments towards delivering more user-centric electronic services. This paper focuses on the aspect of identity management. More specifically it presents a framework that incorporates the notion of federation and federated identities in order to overcome the impediment of per-sector identifiers. Moreover, it provides Single Sign-On access to electronic services through the utilization of a linking mechanism. This framework has been based on the Greek Interoperability Framework and its specific requirements and limitations.

Authors: P. Drogkaris, S. Gritzalis, C. Lambrinouidakis

Publication “Transforming the Greek e-Government Environment towards the e-Gov 2.0 Era”, Data: EGOVIS'10 International Conference on Electronic Government and the Information Systems Perspective, K. N. Andersedn, E. Francesconi, Å. Grönlund, T. M. Engers (Eds.), pp. 142 -149, September 2010, Bilbao, Spain, Lecture Notes in Computer Science LNCS, Springer

Abstract: Modern e-Government environments across the public sector have achieved significant interoperability and coherence but are now in front of the next leap forward, which is the adaptation of Web 2.0 technologies. This transition towards e-Government 2.0 will not only improve participation, transparency and integration but it will also speed up the pace of innovation through collaboration and consultation. This paper presents an enhanced

Greek e-Government Framework that fully incorporates Web 2.0 technologies along with an identification mechanism that retains compliance with existing authentication sub-framework taking into account the specific needs and requirements of the Greek Governmental Agencies.

Authors: P. Drogkaris, S. Gritzalis

Publication "Attaching Multiple Personal Identifiers in X.509 Digital Certificates", EuroPKI'10 7th
Data: European Workshop on Public Key Services, Applications and Infrastructures, J. Camenisch and C. Lambrinouidakis, (Eds.), pp. 171-177, September 2010, Athens, Greece, Springer LNCS

Abstract: The appeals for interoperable and decentralized Electronic Identity Management are rapidly increasing, especially since their contribution towards interoperability across the entire "electronic" public sector, effective information sharing and simplified access to electronic services, is unquestioned. This paper presents an efficient and user-centric method for storing multiple users' identifiers in X.509 digital certificates while preserving their confidentiality, allowing for interoperable user identification in environments where users cannot be identified by an all embracing unique identifier.

Authors: D. Núñez, I. Agudo, P. Drogkaris, S. Gritzalis

Publication "Identity Management Challenges for Intercloud Applications", 1st International
Data: Workshop on Security & Trust for Applications in Virtualised Environments (STAVE 2011), pp. 198-204, June, 2011, Loutraki, Greece, Communications in Computer and Information Science Series CCIS, Springer

Abstract: Intercloud notion is gaining a lot of attention lately from both enterprise and academia, not only because of its benefits and expected results but also due to the challenges that it introduces regarding interoperability and standardisation. Identity management services are one of the main candidates to be outsourced into the Intercloud, since they are one of the most common services needed by companies and organisations. This paper addresses emerging identity management challenges that arise in intercloud formations, such as naming, identification, interoperability, identity life cycle management and single sign-on.